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Abstract

B A watercraft has starboard and port hydrofoils or ~~pontoons~~ <sup>hydriskis</sup> that are supported by individually powered fore and aft supports for adjustable retraction and extension below the hull under control of a computer using signals from water speed, turn angle, roll angle and pitch angle sensors to maintain stability of operation, especially on high speed turns where the hull may be banked into a turn by positioning the <sup>Ski</sup> hydrofoil on the inside of the turn lower than the other <sup>Ski</sup> hydrofoil.